



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Character of Storm
					Killed	Injured	Property Crops	

ILLINOIS, Northwest

Stephenson County

Pearl City	18	1520CST			0	0		Hail(0.75)
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Carroll County

Savanna	18	1653CST			0	0		Hail(0.75)
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Carroll County

Lanark	18	1700CST			0	0		Hail(1.00)
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Carroll County

5 NW Shannon	18	1705CST			0	0		Hail(0.75)
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Stephenson County

6 SW Pearl City	18	1711CST			0	0		Hail(1.00)
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Low level warm advection accompanying a strong low level jet helped trigger scattered thunderstorms over Eastern Iowa during the morning. The thunderstorms persisted and slowly intensified as they moved across portions of Northwest Illinois during the mid to late afternoon. A few reports of large hail up to quarter size were received

Jo Daviess County

Apple River	18	2030CST			0	0		Thunderstorm Wind (G61)
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Power lines knocked down.

Scattered thunderstorms redeveloped over Eastern Iowa during the late afternoon, and slowly weakened as they moved into Northwest Illinois by late evening. There was an isolated report of wind damage, but mostly pea size hail, heavy rain and gusty winds of 30 to 40 mph were reported.

IOWA, East Central and Southeast

Cedar County

Mechanicsville	18	1323CST			0	0		Hail(0.75)
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Dubuque County

Dubuque Arpt	18	1354CST			0	0		Thunderstorm Wind (G69) ^M
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Johnson County

River Jct	18	1355CST			0	0		Hail(1.00)
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Jones County

Wyoming	18	1355CST			0	0		Hail(0.75)
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Jones County

3 N Oxford Jct	18	1403CST			0	0		Hail(1.75)
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Jackson County

5 W Andrew	18	1420CST			0	0		Hail(0.88)
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Jackson County

2 N Maquoketa	18	1420CST			0	0		Hail(1.00)
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Clinton County

2 NE Welton	18	1540CST			0	0		Hail(1.75)
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Low level warm advection accompanying a strong low level jet helped trigger scattered thunderstorms during the morning. The thunderstorms persisted and slowly intensified through the afternoon, as they encountered more favorable dynamics and instability. A few reports of large hail up to golfball size were received, mainly north of Interstate 80.

Benton County

Garrison	18	1852CST			0	0		Thunderstorm Wind (G61) ^M
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<u>IOWA, East Central and Southeast</u>									
Buchanan County									
1 E Jesup	18	1900CST			0	0			Thunderstorm Wind (G61)
High winds toppled a building, which was under construction.									
Buchanan County									
2 S Aurora	18	1908CST			0	0			Thunderstorm Wind (G61)
Farm buildings damaged.									
Buchanan County									
2 NE Independence	18	1908CST			0	0			Thunderstorm Wind (G61)
Several barns blown down.									
Linn County									
2 S Walker	18	1908CST			0	0			Thunderstorm Wind (G61)
Farm building blown down.									
Buchanan County									
3 SE Quasqueton	18	1920CST			0	0			Funnel Cloud
Iowa County									
2 N Millersburg	18	1942CST			0	0			Funnel Cloud
Jones County									
Monticello	18	1955CST			0	0			Thunderstorm Wind (G52) ^M
Jones County									
1 W Monticello	18	1955CST			0	0			Thunderstorm Wind (G52)
Trees and power lines blown down along County Road D62.									
Johnson County									
1 S Tiffin	18	2005CST			0	0			Hail(0.75)
Johnson County									
3 N Coralville	18	2020CST			0	0			Thunderstorm Wind (G61)
Semi tractor trailer blown over.									
Jones County									
Wyoming	18	2020CST			0	0			Hail(1.00)
Jones County									
Wyoming	18	2026CST			0	0			Funnel Cloud
Muscatine County									
1 SW Atalissa	18	2030CST			0	0			Lightning
Lightning struck a 100 year old Cottonwood tree. Witnesses said it sounded like a bomb going off. Pieces of the tree were found as far as 200 feet away, and several were speared into the ground with tremendous force. The lightning traveled down the tree and dug a deep trench in the ground, heading toward a metal storage shed.									
Jones County									
Oxford Jct	18	2045CST			0	0			Hail(0.88)
Jones County									
Oxford Jct	18	2045CST			0	0			Thunderstorm Wind (G51) ^M
Tree limbs up to 1 foot in diameter blown down.									
Scott County									
Eldridge	18	2050CST			0	0			Thunderstorm Wind (G52)
Ten inch diameter tree limb blown down on LeClaire Road.									
A second round of severe weather plagued portions of Eastern Iowa. Scattered severe thunderstorms developed over North Central Iowa during the late afternoon, and moved back across some of the same areas along and north of Interstate 80. The severe thunderstorms produced damaging winds, large hail and a few funnel clouds.									



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IOWA, East Central and Southeast

IAZ042-054-066>068-078-089 Dubuque - Jackson - Clinton - Muscatine - Scott - Louisa - Des Moines

21	1827CST								
30	2359CST			0	0				Flood

Snowmelt resulted in minor to moderate flooding on the Mississippi River. The Mississippi River reached flood stage at most locations around the 23rd to the 26th, with the earlier dates occurring toward the north. Locally heavy rains, which fell in conjunction with the crest, led to higher crests than those from the snowmelt. The Mississippi River remained above flood stage at some points south of the Quad Cities through the end of the month.

Muscatine County

Muscatine	24	1029CST			0	0			Hail(0.75)
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Clinton County

Dewitt	24	1100CST			0	0			Hail(0.75)
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Lee County

Houghton	24	1143CST			0	0			Hail(1.00)
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Lee County

New Boston	24	1157CST			0	0			Hail(0.88)
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Clinton County

Dewitt	24	1159CST			0	0			Urban/Sml Stream Fld
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Very heavy rain resulted in standing water ankle deep in some city streets.

A vigorous, cold upper level trough and associated surface cold front swept through the Great Lakes and Mississippi Valley triggering scattered thunderstorms over Eastern Iowa during the late morning and early afternoon. There were many reports of pea sized hail, and a few reports of large hail up to 1 inch in diameter.

MISSOURI, Northeast

Scotland County

Rutledge	24	1127CST			0	0			Hail(1.50)
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Clark County

1 E Kahoka	24	1230CST			0	0			Funnel Cloud
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Clark County

11 W St Patrick	27	1923CST			0	0			Hail(0.88)
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